

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

HAER
NJ,
14-DOV.V,
2-C-

Picatinny Arsenal, 500 Area
Powder Factory and Power House District
One mile north of I-80 on State Rte. 15
Dover Vicinity
Morris County
New Jersey

HAER NJ-36C

Jet Lowe, photographer, 1983.

- NJ-36C-1 GENERAL VIEW LOOKING EAST AT BUILDINGS NO. 509, NO. 509-A,
NO. 510, AND NO. 511.
- NJ-36C-2 GENERAL VIEW LOOKING WEST AT BUILDINGS NO. 509, NO. 510, NO. 511
COTTON NITRATION LINE. COTTON STOREHOUSE (BUILDING NO. 509) IS
IN BACKGROUND, COTTON PACKER AND DRY HOUSE IN MIDGROUND,
NITRATING HOUSE (BUILDING NO. 511) IN FOREGROUND. CONVEYOR
CARRIED COTTON FROM BUILDING NO. 510 TO BUILDING NO. 511 IN 32
LB. LOTS.
- NJ-36C-3 BUILDINGS NO. 509-A AND NO. 509-B, LOOKING NORTH AT SOUTHEAST
ELEVATION. BUILDING NO. 506 IN BACKGROUND LEFT, BUILDING NO.
511 IN BACKGROUND RIGHT.
- NJ-36C-4 BUILDING NO. 509-B, LOOKING WEST AT SOUTHEAST ELEVATION.
- NJ-36C-5 BUILDING NO. 510, LOOKING WEST AT EAST CORNER. BUILDING NO.
509-B IN BACKGROUND LEFT.
- NJ-36C-6 BUILDING NO. 511, LOOKING SOUTHEAST AT NORTHWEST ELEVATION.
BUILDING NO. 510 TO RIGHT, BUILDING NO. 1010 IN BACKGROUND RIGHT.
- NJ-36C-7 Photocopied 1983, from original drawing (DP-14260), Picatinny
Arsenal, August 14, 1931.
BUILDING NO. 511, "NITRATING HOUSE - BUILDING 511 ALTERATIONS
AND ADDITIONS TO EQUIPMENT - PLANS". THIS DRAWING ALSO CONTAINS
A SMALL SKETCH MAP SHOWING BUILDING NO.S 508 TO 514.

NJ-36C-8 Photocopied 1983, from original drawing (DP-14261), Picatinny Arsenal, August 14, 1931.
BUILDING NO. 511, "NITRATING HOUSE - BUILDING 511 ALTERATIONS AND ADDITIONS TO EQUIPMENT - SECTIONS,".

NJ-36C-9 Photocopied 1983, from original drawing (DP-27954), Picatinny Arsenal, March 18, 1940.
BUILDING NO. 510, BUILDING NO. 511, "BUILDINGS NO. 510 AND BUILDING NO. 511 OUTLINE OF COTTON CONVEY'G SYSTEM - NITRATING LINE."

NJ-36C-10 Photocopied 1983, from original drawing (DP-14268), Picatinny Arsenal, October 26, 1931.
BUILDING NO. 516, "FORTIFYING ACID STORAGE TANKS: PIPING AND PLATFORM: NO. 516. THIS DRAWING ALSO CONTAINS A SMALL SKETCH MAP SHOWING BUILDINGS NO. 511, 512, 513, 515, AND 516.

NJ-36C-11 BUILDING NO. 514, LOOKING WEST. PARTIAL VIEW OF BUILDINGS NO. 507 and NO. 506 IN RIGHT BACKGROUND.

NJ-36C-12 BUILDING NO. 514, LOOKING EAST AT NORTHWEST AND SOUTHWEST SIDES. OIL TANK FOR BOILERS IN BUILDING NO. 506 in BACKGROUND.

NJ-36C-13 BUILDING NO. 520, SOUTH WING, (OLD BUILDING NO. 517), BEATER HOUSE, LOOKING EAST AT NORTH AND WEST SIDES.

NJ-36C-14 BUILDING NO. 520, SOUTH WING, (OLD BUILDING NO. 517) BEATER HOUSE, WEST AND SOUTH SIDES.

NJ-36C-15 BUILDING NO. 520, SOUTH WING (OLD BUILDING NO. 517) BEATER HOUSE, INTERIOR, WOODEN VATS.

NJ-36-C-16 Photocopied 1983, from original drawing (DP-14259), Picatinny Arsenal, October 3, 1931.
BUILDING NO. 520 (OLD BUILDING NO. 517), "BEATER HOUSE, BUILDING NO. 517: ALTERATIONS AND ADDITIONS TO EQUIPMENT," THIS DRAWING SHOWS BEATER (PULPER) AND AGITATORS USED TO REDUCE SIZE OF COTTON FIBERS.

NJ-36C-17 BUILDING NO. 520, NORTH WING, BEATER HOUSE, VIEW SOUTHEAST AT NORTH AND WEST ELEVATIONS.

NJ-36C-18 BUILDING NO. 520, NORTH WING, BEATER HOUSE, LOOKING NORTHEAST, BUILDING NO. 520-A IN RIGHT FOREGROUND.

NJ-36C-19 BUILDING NO. 520, NORTH WING, BEATER HOUSE, LOOKING NORTHEAST, BUILDING NO. 520-A (ROOF) IN BACKGROUND LEFT.

NJ-36C-20 BUILDING NO. 520, NORTH WING, BEATER HOUSE, LOOKING NORTHWEST AT EAST SIDE.

NJ-36C-21 Photocopied 1983, from original drawing (DP-8957), Picatinny Arsenal, July 3, 1930.
BUILDING NO. 520, POACHING HOUSE - B'L'D'G NO. 475 [520]:
SECOND FLOOR PLAN AND DETAILS, POWDER FACTORY AREA.

NJ-36C-22 Photocopied 1983, from original drawing (DP-25793), Picatinny Arsenal, January 5, 1937.
BUILDING NO. 520, "AGITATORS FOR POACHING TUB AND FINE STORAGE TUB, REWORKED SMOKELESS P'D'R BUILDING NO. 520,". THESE VATS, OR VATS SIMILAR TO THEM, MAY HAVE BEEN INSTALLED IN OLD BUILDING NO. 517 (SEE PHOTO NJ-36-C-15). JUDGING FROM NOTES ON THIS DRAWING, MANY PARTS FOR THIS EQUIPMENT WERE TAKEN FROM OTHER 500 AREA BUILDINGS.

NJ-36C-23 Photocopied 1983, from original drawing (DP-24800), Picatinny Arsenal, January 27, 1937.
BUILDING NO. 520, "INSTALLATION OF CENTRIFUGALS FOR REWORKED SMOKELESS POWER, BUILDING NO. 520. JUDGING FROM THE BUILDING FABRIC INDICATED IN THE "PLAN," THIS EQUIPMENT WAS LOCATED IN THE EXTREME NORTHWEST CORNER OF BUILDING NO. 520 (COMPARE TO LOWER LEFT CORNER OF "SECOND FLOOR PLAN" IN NJ-36-C-21).

NJ-36C-24 BUILDING NO. 527, DEHYDRATING HOUSE, LOOKING NORTHWEST AT SOUTH ELEVATION.

NJ-36C-25 BUILDING NO. 527, DEHYDRATING HOUSE, DETAIL OF SOLVENT RECOVERY DUCTS. SOUTH SIDE OF BUILDING.

- NJ-36C-26 BUILDING NO. 527, LOOKING EAST ALONG NORTHWEST ELEVATION. BUILDINGS NO. 533, AND NO. 534 (SOLVENT RECOVERY BUILDINGS) IN FAR LEFT BACKGROUND.
- NJ-36C-27 BUILDING NO. 527, DEHYDRATING HOUSE, DETAIL OF NORTH ELEVATION.
- NJ-36C-28 BUILDING NO. 527, DEHYDRATING HOUSE, LOOKING SOUTH AT NORTH (REAR) ELEVATION OF PRELIMINARY SOLVENT RECOVERY WING. RAILS LEADING FROM DOORS CARRIED STANDARD GAUGE R.R. CARTS ONTO SMALL FLATCARS RIDING IN TRACKS IN FOREGROUND. FROM HERE THE CARS WERE TAKEN TO BUILDING NO. 533, SOLVENT RECOVERY. BUILDING NO. 540, LOADING DOCK (STORAGE FOR POWDER BUGGIES) IN BACKGROUND LEFT.
- NJ-36C-29 BUILDING NO. 527, DEHYDRATING PRESSES, LOOKING NORTH.
- NJ-36C-30 BUILDING NO. 527, DEHYDRATING PRESSES, LOOKING SOUTH. ALUMINUM NARROW-GUAGE GONDOLA CAR IN LEFT BACKGROUND BROUGHT MOISTENED GUN COTTON FROM REST HOUSE (BUILDING NO. 320-B) IN CANS. (ONE OF THESE CANS IS ON UNLOADING PLATFORM RUNNING BESIDE PRESSES). CONTENTS OF CANS WERE UNLOADED INTO PRESSES BY HAND.
- NJ-36C-31 BUILDING NO. 527, DEHYDRATING PRESSES, CONTROLS OF A DEHYDRATING PRESS.
- NJ-36C-32 Photocopied 1983, from original drawing (DP-48910), Picatinny Arsenal, May 25, 1945.
"BUILDING NO. 527: SMOKELESS POWDER FACTORY EQUIPMENT LAYOUT."
- NJ-36C-33 Photocopied 1983, from original drawing (DP-49484), Picatinny Arsenal, November 29, 1948.
"SMOKELESS POWDER Area: REWORK POWDER PROCESS FLOW DIAGRAM." THE PROCESS DETAILED IN THIS DIAGRAM FROM THE POACHING HOUSE TO THE PACK HOUSE IS SUBSTANTIALLY THE SAME AS THE ONE FOR PRODUCING NEW POWDER FROM NITRATED COTTON.
- NJ-36C-34 BUILDING NO. 553, ALCOHOL AND ETHER STORAGE TANK SHED, LOOKING WEST AT SHED.

- NJ-36C-35 BUILDING NO. 553, ALCOHOL AND ETHER STORAGE TANK SHED, INTERIOR
LOOKING NORTHWEST.
- NJ-36C-36 BUILDINGS NO. 519, ETHER AND ALCOHOL RECOVERY HOUSE, AND NO.
523, REFRIGERATION PLANT BUILDING, LOOKING EAST.
- NJ-36C-37 BUILDING NO. 519, ETHER AND ALCOHOL RECOVERY HOUSE, NORTHWEST
CORNER OF BUILDING. BUILDING NO. 521 (ETHER VAULT) IN
BACKGROUND LEFT.
- NJ-36C-38 BUILDING NO. 519, ETHER AND ALCOHOL RECOVERY HOUSE, WEST
ELEVATION.
- NJ-36C-39 BUILDING NO. 519, ETHER AND ALCOHOL RECOVERY HOUSE, LOOKING AT
SOUTHWEST CORNER WITH BUILDING NO. 521, ETHER VAULT, AND
BUILDING NO. 519-A, ETHER & ALCOHOL STORAGE TANKS, IN BACKGROUND
RIGHT.
- NJ-36C-40 BUILDING NO. 519, ETHER AND ALCOHOL RECOVERY HOUSE, LOOKING AT
EAST SIDE.
- NJ-36C-41 LOOKING WEST AT BUILDING NO. 519, ETHER AND ALCOHOL RECOVERY
HOUSE, (LEFT) AND BUILDING NO. 521, ETHER VAULT, (RIGHT) IN
FOREGROUND.
- NJ-36C-42 BUILDING NO. 519, ETHER AND ALCOHOL RECOVERY HOUSE, INTERIOR,
NORTH WING, 1ST LEVEL, VIEW OF FILTERS AND BLOWERS FOR SOLVENT
VAPORS FROM BUILDING NO. 527.
- NJ-36C-43 BUILDING NO. 519, ETHER AND ALCOHOL RECOVERY HOUSE, INTERIOR,
NORTH WING, 1ST LEVEL, LOOKING SOUTHWEST AT EQUIPMENT USED TO
CONDENSE SOLVENT VAPORS TRANSMITTED BY SOLVENT RECOVERY DUCT
FROM BUILDING NO. 527.
- NJ-36C-44 BUILDING NO. 519, ETHER AND ALCOHOL RECOVERY HOUSE, INTERIOR,
LOOKING UP DISTILLATION TOWER FROM 2ND LEVEL.

- NJ-36C-45 BUILDING NO. 519, ETHER AND ALCOHOL RECOVERY HOUSE, INTERIOR, CONTROL PANEL LEVEL (2ND DECK), LOOKING AT "MIXED SOLVENT UNIT" CONTROL PANEL (LOOKING EAST).
- NJ-36C-46 BUILDING NO. 519, ETHER AND ALCOHOL RECOVERY HOUSE, INTERIOR, CONTROL PANEL LEVEL (2ND DECK) OF ETHER AND ALCOHOL STILL BUILDING, LOOKING NORTH, SHOWING TWO ALCOHOL DISTILLATION TOWERS BEHIND "MIXED SOLVENT UNIT" CONTROL PANEL.
- NJ-36C-47 BUILDING NO. 519, ETHER AND ALCOHOL RECOVERY HOUSE, INTERIOR, 4TH LEVEL, LOOKING NORTH AT TOPS OF ALCOHOL AND ETHER DISTILLATION TOWERS.
- NJ-36C-48 BUILDING NO. 519, ETHER AND ALCOHOL RECOVERY HOUSE, INTERIOR, 5TH LEVEL, LOOKING NORTH AT ETHER AND ALCOHOL CONDENSERS AT TOP OF TOWER.
- NJ-36C-49 BUILDINGS NO. 533, NO. 534, LOOKING EAST AT NORTHWEST ELEVATION. NOTE DUAL GAUGE FOUR RAIL TRACKS IN FOREGROUND. BUILDING NO. 537 IN BACKGROUND.
- NJ-36C-50 BUILDING NO. 533, SOLVENT RECOVERY BUILDING, LOOKING SOUTHWEST AT NORTHWEST ELEVATION.
- NJ-36C-51 BUILDING NO. 533, SOLVENT RECOVERY BUILDING, LOOKING WEST AT SOUTHEAST (REAR) ELEVATION.
- NJ-36C-52 BUILDING NO. 533, SOLVENT RECOVERY BUILDING, DETAIL OF NORTHWEST ELEVATION.
- NJ-36C-53 BUILDING NO. 533, DETAIL VIEW LOOKING INTO SOLVENT RECOVERY ROOM (2ND FROM EAST END).
- NJ-36C-54 BUILDING NO. 533, DETAIL VIEW LOOKING INTO SOLVENT RECOVERY ROOM (2ND FROM EAST END).

NJ-36C-55 DETAIL VIEW LOOKING SOUTHWEST ALONG DOCK OF BUILDING NO. 533
TOWARD BUILDING NO. 534, SOLVENT RECOVERY BUILDING.

NJ-36C-56 Photocopy of Photograph, BUILDING NO. 534, SOLVENT RECOVERY
BUILDING, DETAIL VIEW OF SPARK PROOF EXTERIOR ELECTRICAL
SWITCHES IN SOUTHEAST ELEVATION.

NJ-36C-57 Photocopied 1983, from original drawing (DP-24804), Picatinny
Arsenal, February 8, 1937.
PRELIMINARY DESIGN: FINED SOLVENT RECOVERY CAR, BUILDING NO.
534".

NJ-36C-58 GENERAL VIEW LOOKING SOUTHWEST, DETAIL OF 4 RAIL DUAL GAUGE
RAILROAD TRACK BETWEEN BUILDING NO. 533 (SOLVENT RECOVERY) and
BUILDING NO. 537, DRY HOUSE.

NJ-56C-59 BUILDING NO. 541, WATER DRY HOUSE, NORHTEAST CORNER.

NJ-36C-60 BUILDING NO. 541, WATER DRY HOUSE, NORTHWEST CORNER.

NJ-36C-61 BUILDING NO. 541, WATER DRY HOUSE, LOOKING AT SOUTHWEST
CORNER. NOTE 4 RAIL DUAL GAUGE RAILROAD FROM BUILDING NO. 533
IN FOREGROUND.

NJ-36C-62 BUILDING NO. 541, WATER DRY HOUSE, LOOKING AT SOUTHEAST CORNER.

NJ-36C-63 BUILDING NO. 541, WATER DRY HOUSE, INTERIOR OF ROOM WHERE
PROPELLANTS ARE DUMPED IN HOPPER (EAST END OF BUILDING) AFTER
BEING TRANSPORTED FROM BUILDING NO. 533 (DEMOLITION IN
PROGRESS).

NJ-36C-64 BUILDING NO. 541, WATER DRY HOUSE, CYPRESS TANKS FOR WATER
DRYING, LOOKING SOUTHWEST (DEMOLITION IN PROGRESS).

NJ-36C-65 BUILDING NO. 554, REWORK POWDER GRINDING HOUSE, PULVERIZING,
WATER DRY HOUSE, LOOKING SOUTH AT NORTH SIDE (DEMOLITION IN
PROGRESS) OF BUILDING ONCE USED FOR REWORK POWDER GRINDING AND
PULVERIZING (SEE NJ-36-C-33 FOR DIAGRAM OF THIS RECLAMATION
PROCESS). THIS BUILDING ALSO SERVED AS A WATER DRY HOUSE.

NJ-36C-66 BUILDING NO. 554, REWORK POWDER GRINDING HOUSE, PULVERIZING, WATER DRY HOUSE, LOOKING NORTH (DEMOLITION IN PROGRESS).

NJ-36C-67 BUILDING NO. 542, AIR DRY HOUSE, LOOKING EAST AT NORTHWEST AND SOUTHWEST ELEVATIONS.

NJ-36C-68 BUILDING NO. 542, AIR DRY HOUSE. DETAIL OF DOORS ON SOUTHWEST ELEVATION WHERE POWDER CARS WERE ROLLED IN. NOTE WOODEN RAILS USED TO PREVENT SPARKS.

NJ-36C-69 BUILDING NO. 542-A, LOADING & UNLOADING DOCKS, LOADING AND UNLOADING RAMP LOOKING NORTHEAST. BUILDING NO. 550, GENERAL STOREHOUSE, IN BACKGROUND LEFT.

NJ-36C-70 BUILDING NO. 555, AIR DRY HOUSE FOR DOUBLE BASE RIFLE AND CANNON POWDERS, LOOKING NORTH AT SOUTH CORNER. FAN ROOM WITH STEAM HEATER IN FOREGROUND RIGHT. COOPER ELBOW VENTS ON ROOF ARE FROM DRYING ROOMS. STEAM LINE IN FOREGROUND, POWDER WAS DRIED ON RACKS IN DRYING ROOMS VENTILATED WITH HOT AIR.

NJ-36C-71 BUILDING NO. 555, AIR DRY HOUSE FOR DOUBLE BASE RIFLE AND CANNON POWDERS, LOOKING SOUTH AT NORTH CORNER, WITH DRAIN BOX FROM BUILDING FLOOR DRAIN IN FOREGROUND. TROUGH IS LEAD-LINED. BOX PRESUMABLY SETTLED OUT ANY NITRO-COTTON OR POWDER FROM WASTE WATER FROM RECOVERY PURPOSES.

NJ-36C-72 BUILDING NO. 555, AIR DRY HOUSE FOR DOUBLE BASE RIFLE AND CANNON POWDERS, LOOKING SOUTHWEST AT NORTH CORNER. 3 FT. GAUGE RAILROAD TRACK IN FOREGROUND. WOODEN RAILS SUBSTITUTED FOR STEEL RAILS FOR TRACKS ENTERING BUILDING TO PREVENT SPARKING. EXPLOSION-PROOF LIGHTING MOUNTED ON BUILDING EXTERIOR.

NJ-36C-73 BUILDING NO. 555, AIR DRY HOUSE FOR DOUBLE BASE RIFLE AND CANNON POWDERS, NORTHEAST ELEVATION, EACH COOPER ELBOW VENT ON THE ROOF COMES FROM A DRYING ROOM.

- NJ-36C-74 BUILDING NO. 555, AIR DRY HOUSE FOR DOUBLE BASE RIFLE AND CANNON POWDERS, DETAIL OF WOODEN DRYING ROOM DOORS WITH WOODEN HINGES AND BOLTS FOR SPARK PREVENTION. RINGS BY DOORS TURN ON HOT AIR FLOW TO DRYING ROOMS. NOTE GROUNDING WIRE FROM RING BRACKETS. RECORDING MACHINES BY DOORS RECORD HUMIDITY IN DRYING ROOMS. DRYING ROOMS ILLUMINATED ONLY BY EXPLOSION-PROOF LIGHTING LOCATED OUTSIDE OF ROOMS. NOTE WOODEN RAILROAD RAILS IN BACKGROUND FOR 3 FT. GAUGE CARS.
- NJ-36C-75 BUILDING NO. 555, AIR DRY HOUSE FOR DOUBLE BASE RIFLE AND CANNON POWDERS, INTERIOR OF DRYING ROOM NO. 2, SHOWING COPPER EXHAUST VENT DUCT IN CORNER, HOT AIR INLET VENT IN CEILING. TWO TYPICAL DRYING RACKS LEANING AGAINST WALL, BOTTOM SIDE SHOWING ON LEFT RACK, TOP SIDE ON RIGHT RACK.
- NJ-36C-76 Photocopied 1983, from original drawing (DP-49629), Picatinny Arsenal, July 11, 1946.
"D.B. [DOUBLE BASE] RIFLE AND CANNON POWDER PROCESS: GLAZED (NOT COATED) DOUBLE BASE POWDER FLOW DIAGRAM."
- NJ-36C-77 Photocopied 1983, from original drawing (DP-49630), Picatinny Arsenal, July 11, 1946.
"D.B. [DOUBLE BASE] RIFLE AND CANNON POWDER PROCESS: GLAZED (NOT COATED) DOUBLE BASE POWDER FLOW DIAGRAM."
- NJ-36C-78 BUILDINGS NO. 537, GENERAL STORAGE (DRY HOUSE), NO. 538, GENERAL STORAGE (GRAPHITING & SORTING HOUSE), LOOKING SOUTHEAST AT NORTHWEST AND SOUTHWEST SIDES. BUILDING NO. 537 WAS ONCE USED AS A DRY HOUSE, AND BUILDING NO. 538 AS A GLAZING (GRAPHITING) AND SORTING HOUSE.
- NJ-36C-79 BUILDING NO. 561, CANNON POWDER BLENDER, AS SEEN FROM WEST END OF PICATINNY LAKE.
- NJ-36C-80 BUILDING NO. 561, CANNON POWDER BLENDER, LOOKING NORTH.
- NJ-36C-81 BUILDING NO. 561, CANNON POWDER BLENDER, LOOKING NORTHWEST, BUILDING NO. 561-A, PROPELLANT PLANT (FIREPROOF SHELTER), IN FOREGROUND, BUILDING NO. 561-D IN EXTREME FOREGROUND.

NJ-36C-82 BUILDING NO. 561, CANNON POWDER BLENDER, LOOKING SOUTHWEST
SHOWING ESCAPE CHUTES.

NJ-36C-83 BUILDING NO. 561, CANNON POWDER BLENDER LOOKING SOUTHWEST.

NJ-36C-84 BUILDING NO. 561, LOOKING SOUTHEAST AT CANNON POWDER BLENDER
FROM ACROSS PICATINNY LAKE. LOUVERED WALL FACING LAKE WAS
DESIGNED TO RELIEVE BLASTS AND DIRECT THEM TOWARD LAKE IF THEY
OCCURRED.

NJ-36C-85 BUILDING NO. 561, CANNON POWDER BLENDER, MIXING CONE, 2ND LEVEL;
TOP (3RD) BIN ABOVE, SECOND BIN BELOW.

NJ-36C-86 BUILDING NO. 561, CANNON POWDER BLENDER, 1ST LEVEL, CONTROL ROOM
BUNKER AT LEFT.

NJ-36C-87 BUILDING NO. 561, CANNON POWDER BLENDER, LOOKING DOWN AN ESCAPE
CHUTE FROM 2ND LEVEL.

NJ-36C-88 BUILDING NO. 545, LOOKING NORTH AT BOX TESTING HOUSE. BUILDING
NO. 561 (CANNON POWDER BLENDER) IN RIGHT BACKGROUND. BOXES AND
CONTAINERS WERE TESTED HERE BEFORE BEING SENT TO POWDER LOADING
FACILITIES LIKE BUILDING NO. 565.

NJ-36C-89 BUILDING NO. 565, PACK HOUSE, LOOKING NORTHEAST, BUILDING NO.
561 IN BACKGROUND.

NJ-36C-90 BUILDING NO. 565, PACK HOUSE, LOOKING WEST, BUILDING NO. 565-A
IN FOREGROUND.

NJ-36C-91 BUILDING NO. 565, PACK HOUSE, COVERED WALKWAY, LOOKING SOUTH AT
NORTHWEST SIDE OF BUILDING.

NJ-36C-92 BUILDING NO. 565, PACK HOUSE, LOOKING SOUTHEAST.

NJ-36C-93 BUILDING NO. 565, PACK HOUSE, LOOKING SOUTHEAST AT SOUTHWEST
ELEVATION, BUILDING NO. 550, GENERAL STOREHOUSE, IN RIGHT
BACKGROUND.

NJ-36C-94 GENERAL VIEW OF 500 AREA, LOOKING AT BUILDINGS NO. 563, NO. 562, NO. 541, NO. 539 (ON SHORE TO RIGHT); BUILDINGS NO. 3028 and NO. 3029 (MIDDLE BACKGROUND).

NJ-36C-95 BUILDING NO. 539, SMALL ARMS POWDER BLENDER AND PACKING HOUSE, LOOKING SOUTHEAST AT NORTHWEST ELEVATION FROM NORTH SHORE OF PICATINNY LAKE.

NJ-36C-96 BUILDING NO. 539, POWDER BLENDER, SOUTHWEST ELEVATION WITH BUILDING NO. 561 IN BACKGROUND.

NJ-36C-97 BUILDING NO. 539, SMALL ARMS POWDER BLENDER AND PACKING HOUSE, LOOKING NORTH AT SOUTHEAST ELEVATION.

NJ-36C-98 BUILDING NO. 539, INTERIOR, TOP LEVEL OF BLENDER TOWER, LOOKING SOUTH SHOWING ELEVATOR SHAFT BY WHICH BUGGIES OF POWDER WERE BROUGHT UP TO TOP OF TOWER. HERE THEY WERE EMPTIED INTO GRATING IN THE FLOOR WHICH PASSED THE POWDER INTO THE BIN ON FLOOR BELOW. WOODEN CURB AROUND GRATING IS REMOVABLE.

NJ-36C-99 BUILDING NO. 539, INTERIOR, LOOKING WEST ON SECOND LEVEL OF ELEVATOR/BLENDER TOWER SHOWING FUNNEL FROM FLOOR ABOVE, WITH CLAMSHELL "GATE," BRASS DEFLECTION CONE, AND FUNNEL IN SECOND FLOOR LEADING TO FLOOR BELOW.

NJ-36C-100 BUILDING NO. 539, LOOKING NORTHEAST FROM SECOND LEVEL IN BLENDER TOWER, SHOWING WALKWAY LEADING FROM BLENDER TO PACKING HOUSE.

NJ-36C-101 BUILDING NO. 539, LOOKING EAST AT NORTHWEST AND SOUTHWEST SIDES OF GENERAL STOREHOUSE.

NJ-36C-102 BUILDING NO. 539, LOOKING WEST AT SOUTHEAST AND NORTHEAST SIDES.

NJ-36C-103 Photocopied 1983, from original drawing (DP-49213), Picatinny Arsenal, NOVEMBER 23, 1945.
ROLLED POWDER AREA FINISHING PLANT: FLOW DIAGRAM."